

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ning

Filed: Herewith

Serial No.: TBD

For: Vertical MIMCap Manufacturing Method



Attorney Docket: 01-P-18264 US

Examiner: TBD

Art Unit: TBD



INFORMATION DISCLOSURE STATEMENT

TRANSMITTAL

Assistant Commissioner For Patents
Washington, DC 20231

MAILING CERTIFICATE PURSUANT
TO 37 C.F.R. §1.10

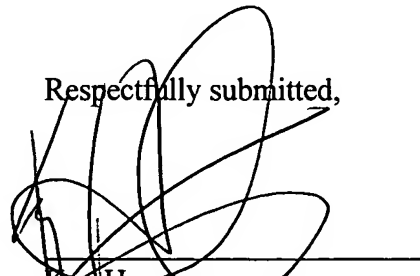
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Joan K. Konkell 1-25-02
Joan K. Konkell Date

Dear Sir:

Applicant wishes to bring to the attention of the Patent and Trademark Office the information noted on the enclosed PTO-1449 which may be considered material to the examination of the above identified application. This Information Disclosure Statement is submitted pursuant to 37 CFR 1.97(b) concurrently with the filing of the patent application. Consideration of the references is respectfully requested.

Respectfully submitted,


Kay Houston
Attorney for Applicant
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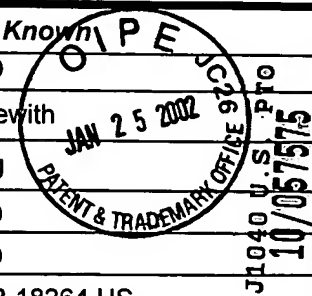
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Applicati n Number	TBD
Filing Date	Herewith
First Named Inventor	Ning
Group Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	01-P-18264 US



Sheet 2 of 2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KAR-ROY, ARJUN, HU, CHUN, RACANELLI, MARCO, COMPTON, CORY A., KEMPF, PAUL, JOLLY, GURVINDER, SHERMAN, PHIL N., ZHENG, JIE, ZHANG, ZHE and YIN, AIGUO, "High Density Metal Insulator Metal Capacitors Using PECVD Nitride for Mixed Signal and RF Circuits", IEEE, 1999, IITC 99-245-247.	
		LIU, RUICHEN, LIN, CHENG-YIH, HARRIS, EDWARD, MERCHANT, SAILESH, DOWNEY, STEPHEN W., WEBER, GARY, CIAMPA, NICHOLAS A., TAI, WAI, LAI, WARREN, Y. C., MORRIS, MARK D., BOWER, J. ERIC, MINER, JOHN F. FRACKOVIK, JOHN, MANSFIELD, WILLIAM, BARR, DAVID, KELLER, ROBERT, CHANG, CHONG-PING, PAI, CHIEN-SHING, ROGERS, SARA N. AND GREGOR, RICHARD, "Single Mask Metal-Insulator-Metal (MIM) Capacitor with Copper Damascene Metallization for Sub-0.18µm Mixed Mode Signal and System-on-a-Chip (SoC) Applications", IEEE, 2000, pp. 111-113.	
		ARMACOST, M., AUGUSTIN, A., FELSNER, P., FEND, Y., FRIESE, G., HEIDENREICH, J., HUECKEL, G., PRIGGE, O., STEIN, K., "A High Reliability Metal Insulator Metal Capacitor for 0.18 µm Copper Technology", 4 pages.	

Examiner Signature	B. Talbot	Date Considered	4/29/03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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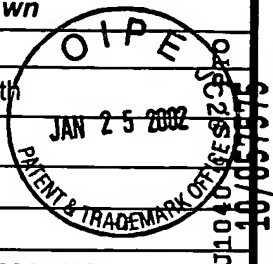
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			Application Number	TBD	
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			First Named Inventor	Ning	
			Group Art Unit	TBD	
			Examiner Name	TBD	
Sheet	1	of	2	Attorney Docket Number	01-P-18264 US



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
BT		5,654,581		Radosevich, et al.	08/05/1997	

FOREIGN PATENT DOCUMENTS								
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